## **MESOTHELIOMA**

may benefit patients with pleural mesothelioma. Intensive combined therapy using all three modalities is under way as an intercooperative group study, involving pleurectomy (recommended) and radiotherapy to 4,700 rads with or without doxorubicin therapy. (Written communication, June 1980; L. Wasser, L. Baker and M. Samson: Radiotherapy With and Without Chemotherapy for Malignant Pleural Mesothelioma Localized to One Hemithorax [Intergroup Mesothelioma Study] Eastern and Southwest Oncology Groups.) We recommend this protocol. Only with a prospective randomized clinical trial will the effects of the combined-modality treatment be measurable.

## REFERENCES

- 1. McDonald JC, MacDonald AD: Epidemiology of mesothelioma from estimated incidence. Prevent Med 6:426-446, 1977
- 2. Wagner JC, Sleggs CA, Marchand P: Diffuse pleural mesothelioma and asbestos exposure in the Northwestern Cape Province. Br J Industr Med 17:260-270, 1960
- 3. Theriault GP, Grand-Bois L: Mesothelioma and asbestos in the Province of Quebec, 1969-1972. Arch Environ Health 33:15-19, Jan-Feb 1978
- 4. Newhouse ML, Berry G: Predictions of mortality from mes thelial tumors in asbestos factory workers. Br J Industr Med 33: 147-151, Aug 1976
- 5. Berrow M, Conston A, Livornese L, et al: Mesothelioma following exposure to asbestos: A review of 72 cases. Chest 64: 641-646, Nov 1973
- 6. Edge JR, Choudhury SL: Malignant mesothelioma of the pleura in Barrow-in-Furness. Thorax 33:26-30, Feb 1978

- 7. Chovil A, Stewart C: Latency period for mesothelioma. Lancet 2:853, Oct 20, 1979
- 8. Hinds MW: Mesothelioma in the United States—Incidence in the 1970s. J Occupat Med 20:469-471, Jul 1978
- 9. Selikoff IJ, Hammond EC: Asbestos and smoking (Editorial). JAMA 242:458, Aug 3, 1979
- 10. Scharifker D, Kaneko M: Localized fibrous "mesothelioma" of pleura (submesothelial fibroma)—A clinicopathologic study of 18 cases. Cancer 43:627-635, Feb 1979
- 11. Shabanah FH, Sayegh SF: Solitary (localized) mesothelioma—Report of two cases and review of the literature. Chest 60:558-563, Dec 1971
- 12. Utley JR, Parker JC, Hahn RS, et al: Recurrent benign fibrous mesothelioma of the pleura. J Thorac Cardiovasc Surg 65:830-834, May 1973
- 13. Kannerstein M, Churg J: Peritoneal mesothelioma. Human Pathol 8:83-94, Jan 1977
- 14. Jones DEC, Silver D: Peritoneal mesothelioma. Surgery 86:556-560, Oct 1979
- 15. Ratzer ER, Pool JL, Melamed MR: Pleural mesotheliomas Clinical experiences with thirty-seven patients. Am J Roentgenol 99:863-880, Apr 1967
- 16. Oels HC, Harrison EG, Carr DT, et al: Diffuse malignant mesothelioma of the pleura: A review of 37 cases. Chest 6:564-570, Dec 1971
- 17. Boushy SF, North LB, Helgason AA: Thoracoscopy: Technique and results in eighteen patients with pleural effusion. Chest 74:386-389, Oct 1978
- 18. Wanebo HJ, Martini N, Melamed MR, et al: Pleural mesothelioma. Cancer 38:2481-2488, Dec 1976

  19. DeLaria GA, Jensik R, Faber LP, et al: Surgical management of malignant mesothelioma. Ann Thorac Surg 26:375-382, Oct 1978
- 20. Schlienger M, Eschwege F, Blache R, et al: Mesotheliomes pleuraux malins. Bull Cancer (Paris) 56:265-308, 1969
- 21. Spremulli E, Wampler G, Regelson W, et al: Chemotherapy of malignant mesothelioma. Cancer 40:2038-2045, Nov 1977
- 22. Yap B, Benjamin RS, Burgess MA, et al: The value of adriamycin in the treatment of diffuse malignant pleural mesothelioma. Cancer 42:1692-1696, Oct 1978

  23. Chahinian AP, Suzuki Y, Mandel EM, et al: Diffuse pulmonary malignant mesothelioma—Response to doxorubicin and 5-azacytidine. Cancer 42:1687-1691, Oct 1978

## Runners' Foot Problems

RUNNERS' FOOT PROBLEMS are interesting and come to our attention more frequently than ever before. . . . The orthotics developed by podiatrists, which orthopedists have come to accept, are effective treatment for many of the minor foot problems. They are firm metatarsal inserts that give a great deal of support and prevent the microcollapse that may occur in runners at the joints of the hindfoot and forefoot.

-ARNOLD T. BERMAN, MD, Philadelphia

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